

NEW COMBINATIONS IN THE ROCKY MOUNTAIN FLORA

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The following new combinations are published herein to validate their utilization in pending floristic publications on the Rocky Mountain Flora.

SPERMATOPHYTA

ACOMASTYLIS ROSSII (R. Br.) Greene ssp. TURBINATA (Rydberg) W. A. Weber, comb. nov. Based on Geum turbinatum Rydberg, Bull. Torr. Bot. Club 24: 91. 1897.

BROMOPSIS INERMIS (Leys) Holub ssp. PUMPELLIANA (Scribn.) W. A. Weber, comb. nov. Based on Bromus pumpellianus Scribn., Bull. Torr. Bot. Club 15: 9. 1888.

CIMINALIS FREMONTII (Torr. in Frémont) W. A. Weber, comb. nov. Based on Gentiana fremontii Torr. in Frémont, Rep. Exped. Rocky Mountains, p. 94. 1845.

CYMOPTERUS LONGILOBUS (Rydberg) W. A. Weber, comb. nov. Based on Pseudopteryxia longiloba Rydberg, Bull. Torr. Bot. Club 40: 72. 1913.

GERANIUM CAESPITOSUM James var. PARRYI (Engelm. in A. Gray) W. A. Weber, comb. nov. Based on Geranium fremontii var. parryi Engelm. Am. J. Sci. Arts (2) 33: 405. 1862.

IPOMOPSIS CANDIDA (Rydberg) W. A. Weber, comb. nov. Based on Gilia candida Rydberg, Bull. Torr. Bot. Club 28: 29. 1901.

PEDICULARIS CANADENSIS L. ssp. FLUVIATILIS (Heller) W. A. Weber, comb. nov. Based on Pedicularis fluvialis Heller, Minn. Bot. Stud. 2: 33. 1898.

PNEUMONANTHE ANDREWSII (Griseb. in Hook.) W. A. Weber, comb. nov. Based on Gentiana andrewsii Griseb. in Hook., Fl. Bor. Amer. 2: 55. 1834.

SAXIFRAGA SERPYLLIFOLIA Pursh ssp. CHRYSANTHA (A. Gray) W. A. Weber, comb. nov. Based on Saxifraga chrysanthia A. Gray, Proc. Amer. Acad. Arts Sci. 12: 83. 1876.

TRISETUM SPICATUM (L.) Richt. ssp. MONTANUM (Vasey) W. A. Weber,
comb. nov. Based on Triisetum montanum Vasey, Bull. Torr. Bot. Club 13: 118. 1886.

The following leptotypification is made for Triisetum spicatum ssp. majus Hultén, Sv. Bot. Tidskr. 53: 218. 1959. Lectotypus: Colorado, Minnehaha, 2600 m, Aug. 13, 1901, Clements s. n. (C). Triisetum subspicatum major Vasey was never validly published, nor was Triisetum majus Rydberg, Flora Colorado p. 34. 1906, for Rydberg wrote (op. cit. p. xiv): "The author has not published any new species or genera in this work. He has also tried to avoid the publishing of new names or new combinations of names."

BRYOPHYTA: MUSCI

ORTHODICRANUM TAURICUM (Sapehin) W. A. Weber, comb. nov. Based on Dicranum tauricum Sapehin, Bot. Jahrb. 46, Beibl. 105: 10. 2, f. 19. 1911.

SCHISTIDIUM ATRICHUM (C. M. et Kindb. in Macoun) W. A. Weber, comb. nov. Based on Grimmia atricha C. M. et Kindb. in Macoun, Cat. Canadian Pl. 6: 65. 1892.

SCHISTIDIUM DUPRETII (Thériot) W. A. Weber, comb. nov. Based on Grimmia dupretii Thériot, Bryologist 10: 63. 8. 1907.